Index of Claims

| <b>Applicat</b> | ion/Cor | itrol | No. |
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10/015,180 Examiner

Thomas H. Stevens

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| Cla        | aim          |              |                         | Dat             | te   |               |                  | Cla           | aim      |                                   |          | Date  |               |                 |                    | CI          | aim        |               |          |          | Dat      | e            |          |          | $\neg$   |
|------------|--------------|--------------|-------------------------|-----------------|--|---------------|------------------|---------------|----------|-----------------------------------|----------|---|---------------|-----------------|--------------------|-------------|------------|---------------|----------|----------|----------|--------------|----------|----------|----------|
|            | <del>-</del> | 12           | 1                       |                 |  |               |                  |               | ત્રી     |                                   |          |   |               |                 |                    |             |            | П             |          |          | П        |              |          |          | ヿ        |
| Final      | Original     | 2/8/05       |                         |                 |  |               |                  | Final         | Original |                                   |          | 1 1   |               | -               |                    | Final       | Original   |               |          |          |          |              |          |          | - 1      |
| į į        | Ĕ            | 7            | 11                      |                 |  |               |                  | Ē             | ij       |                                   |          | 1 1   |               |                 |                    | <u>نت</u> . | jrig       |               |          |          |          |              |          | -        |          |
|            |              | L 4          |                         |                 |  |               | _]:::::          |               |          |                                   |          |   |               |                 |                    |             | 0          |               |          |          |          |              |          |          | ŀ        |
| <u> </u>   | 1            |              |                         |                 |  |               | _ ::::           |               | 51       |                                   |          |   |               |                 |                    |             | 101        |               |          |          | П        |              |          | $\Box$   |          |
|            | 2            | /            | $\perp$                 |                 |  |               |                  |               | 52       |                                   |          |   |               |                 |                    |             | 102        |               |          |          |          |              |          |          |          |
|            | 3            | J.           | $\perp \perp$           |                 | $\perp \perp$                                    |               | ╝                |               | 53       |                                   |          |   |               |                 |                    |             | 103        |               |          |          |          |              |          | $\Box$   |          |
|            | 4            | 1            | $\bot$                  |                 | <u> </u>   | $\perp$       | _                |               | 54       |                                   |          |   |               |                 |                    |             | 104        |               |          |          |          |              |          | $\Box$   |          |
|            | 5            |              |                         | <u> </u>        | $oxed{oxed}$                                     | $\perp \perp$ | _                |               | 55       |                                   |          |   |               |                 |                    |             | 105        |               |          |          |          |              |          |          |          |
| <u> </u>   | 6            | V            | $\bot$                  |                 | $oxed{oxed}$                                     | 11            | _                |               | 56       |                                   |          |   |               |                 |                    |             | 106        |               |          |          |          |              |          |          |          |
|            | 7            | 7            | $\perp$                 |                 | $\perp \perp$                                    |               | _                |               | 57       | $\perp$                           |          | $\perp \perp$   |               |                 |                    |             | 107        |               |          | L        |          |              |          |          |          |
|            | 8            | IJ.          | $\perp$                 |                 | $\bot\bot$                                       |               | _                |               | 58       | $-\!\!\!\perp\!\!\!\perp$         |          |   |               |                 |                    |             | 108        | Ш             |          |          |          |              |          |          |          |
|            | 9            | V            |                         |                 |  |               | _                |               | 59       | _ _                               |          |   |               |                 |                    |             | 109        |               |          |          |          |              |          |          | $\Box$   |
|            | 10           | J,           | $\bot$                  | _               | $\bot$   | $\perp \perp$ | _                |               | 60       |                                   | L        |   | _             |                 |                    |             | 110        |               |          |          | L        |              |          |          |          |
| lacksquare | 11           | 7            | $\perp$                 |                 | <del>     </del>                                 | $\perp \perp$ | 4                |               | 61       | $\perp$                           |          | $\sqcup$  | $\perp$       |                 |                    |             | 111        |               |          |          |          | $oxed{oxed}$ |          |          |          |
| $\sqcup$   | 12           | 14           | $\bot \bot$             |                 | $\perp \perp$                                    | ++            | 4                |               | 62       |                                   |          | $\coprod$   | 4.1           | $\perp$         |                    |             | 112        |               |          |          | L        |              | $\Box$   |          |          |
| <u> </u>   | 13           | N/           | $\downarrow \downarrow$ |                 | $\perp \perp$                                    | ╁┼.           | _                |               | 63       | _ :                               |          | $\sqcup$  | _             |                 |                    |             | 113        | $oxed{oxed}$  |          |          |          | Ш            | $\perp$  | $\Box$   | $\Box$   |
|            | 14           | V            | -                       |                 | +  | ++            | 4                |               | 64       |                                   |          | $\coprod$   | $\bot \bot$   |                 |                    |             | 114        |               | $\perp$  | _        | L        | Ш            | [        | $\bot$   |          |
| <u> </u>   | 15           |              | ┵                       |                 | $\vdash \vdash$                                  | +             | 4                |               | 65       |                                   | $\perp$  | 4   | $\perp \perp$ |                 |                    |             | 115        | $\sqcup \bot$ | $\bot$   | 丄        | L        | Ш            | _        | $\perp$  |          |
| <u> </u>   | 16           | V            | +-1                     | $\bot$          | <b>├├</b> -                                      | ++            | 4                |               | 66       | $\perp \!\!\! \perp \!\!\! \perp$ |          | $\sqcup$  | $\perp$       |                 |                    |             | 116        | ot            |          | ┞-       | Ш        | Ш            | _        | _        |          |
|            | 17           | 7            | -                       | -               | <del>                                     </del> | +             | 4                |               | 67       | -                                 |          | $\bot \bot$   | 44            |                 |                    |             | 117        |               | _        | <u> </u> |          |              | _        | $\perp$  |          |
| $\sqcup$   | 18           | 7            | 44                      |                 | 4-4-   | ++            | 4                |               | 68       |                                   | _        | 1   | $\perp \perp$ | $\perp$         |                    |             | 118        |               |          |          |          |              |          | $\dashv$ | ┙        |
|            | 19           | <i>J</i>     | $\perp$                 |                 | $\sqcup \bot$                                    | $\bot$        | _                |               | 69       | $\Box$                            |          | $\downarrow \downarrow$   |               |                 |                    |             | 119        |               | $\perp$  |          | Ш        | Ш            |          | $\perp$  | _        |
|            | 20           | V            | 44                      |                 | —  |               | _                |               | 70       | $\perp$                           |          | 1_1   | $\bot \bot$   |                 |                    |             | 120        |               |          |          |          |              |          | $\perp$  | _        |
|            | 21           | <u> </u>     | +                       |                 |  | +             | _:::::           |               | 71       |                                   |          | $\perp \perp$   | $\perp \perp$ | _               |                    |             | 121        | $\perp$       |          | ļ        |          |              | _        | _        | ┙        |
| -          | 22           | V -          | +                       | _               | <u> </u>   |               | 4                |               | 72       | $\rightarrow$                     |          | 4   | $\bot \bot$   |                 |                    |             | 122        |               |          | L        |          |              |          | _        | Ш        |
|            | 23           | J            | +                       | _ _             |  | +             | -                |               | 73       | $\dashv$                          |          | $\bot\bot$  | ++            |                 |                    |             | 123        |               |          | L        |          |              | _        | 4        | _        |
| $\vdash$   | 24           | 7            | +                       |                 | 1  |               | -                |               | 74       | $\dashv$                          |          |   | 11            | 44              |                    |             | 124        | $\perp$       | $\bot$   | <u> </u> |          |              | _        | _        |          |
|            | 25           | <i>j</i>     | +                       |                 | +-   |               | -                |               | 75       |                                   | $\perp$  |   | $\perp \perp$ | $\dashv$        |                    |             | 125        | _             |          | ļ        | Ш        |              |          | 4        | 4        |
|            | 26           | 7            | +                       |                 |  | +             | - ::::           | $\rightarrow$ | 76       |                                   |          | +   | ++            |                 |                    |             | 126        | _             | _        | <u> </u> |          | $\dashv$     | _        | $\dashv$ | _        |
|            | 27           | _            | +                       |                 |  | +             | -                | _             | 77       |                                   |          | +   | ++            | $\dashv$        | -                  |             | 127        | _             | _        | ┞        |          |              | _        | _        | 4        |
|            | 28           | 7            | +                       |                 | ├-   | ╁┼            | -                |               | 78       | $\dashv$                          | +        | 1   | ++            | $\dashv$        |                    |             | 128        | -             | <b>-</b> | <u> </u> |          | Ш            | _        | 4        | 4        |
|            | 29           |              | +                       | +               |  | +             | -                |               | 79       |                                   |          | $\vdash$  | ++            | $\perp$         |                    |             | 129        | -             | -        | ┞        |          | $\dashv$     | 4        | 4        | 4        |
|            | 30<br>31     | 77           | +                       |                 |  | ++            | -                |               | 80       |                                   | -        | $\vdash$  | +             |                 | iiii L             |             | 130        |               | -        | _        | Ш        | $\dashv$     | $\dashv$ | $\dashv$ | _        |
|            | 32           | 7            | ++                      |                 | $\vdash\vdash$                                   | ++            | -                |               | 81       | $\dashv$                          | _        | ₩-  |               | +               | -                  |             | 131        | +             | +        | $\vdash$ | Щ        |              |          | _        | $\dashv$ |
|            | 33           | 1            | + +                     | +               | $\vdash\vdash$                                   | ++            | -                |               | 82       | $\dashv$                          | +        | +   |               | $\dashv\dashv$  | :::: <b>:</b>  -   |             | 132        | -             | +-       | $\vdash$ | $\sqcup$ | $\vdash$     | $\dashv$ | $\dashv$ | $\dashv$ |
|            | 34           | V            | +-+                     | -               | $\vdash$   | +             | -                | -             | 83       |                                   | +        | $\vdash$  | ++            | $\dashv$        | :::: <br> -        | $\dashv$    | 133        | -             | +        | $\vdash$ | $\vdash$ |              | +        | $\dashv$ | $\dashv$ |
|            | 35           | 7            | +-+                     |                 | $\vdash$   | ╂╼┼╾          | -{}              |               | 85       | $\dashv$                          | +        | $\vdash\vdash$  | ++            | +               | ŀ                  |             | 134        | -             | +-       | $\vdash$ | $\vdash$ | -            |          | +        | $\dashv$ |
| -          | 36           | <del>"</del> | +-+                     | +               | $\vdash$   | +             | -                | -             | 86       | $\dashv$                          |          | ++  | ++            | $\dashv\dashv$  |                    |             | 135        | -+            | +-       | -        |          | -            | -+       | +        | 4        |
| $\dashv$   | 37           | V            | +                       |                 | ++   | ++            | -                | -+            | 87       | $\dashv$                          | +        | +   | ++            | +               |                    | $\dashv$    | 136<br>137 | -             | +        | $\vdash$ | -        | $\dashv$     | +        | +        |          |
| $\dashv$   | 38           | 1            | + +                     |                 | <del>   </del> -                                 | ++            | -                | $\dashv$      | 88       | +                                 | +        | +   | ++            | $\dashv \dashv$ | ::::  <del> </del> |             |            | <del></del>   | +        | $\vdash$ |          | -            | +        | +        | $\dashv$ |
|            | 39           | <del>7</del> | ++                      | -               | ├-   | +             | - ::::  <u> </u> |               | 89       | +                                 | +        | $\vdash$  | ++            | +               | :::: <b> </b>      |             | 138<br>139 | +             | +        | $\vdash$ | $\vdash$ | _            | +        | +        | $\dashv$ |
| -          | 40           | 1            | ++                      |                 | <del>    -</del>                                 | ++            | -                |               | 90       | +                                 | $\dashv$ | <del>                                     </del>  | ++            | $\dashv\dashv$  | -                  |             | 140        | +             | +-       | $\vdash$ | $\vdash$ | $\dashv$     | +        | +        | $\dashv$ |
| -          | 41           |              | ++                      | $\dashv$        | $\vdash$   | ++            | ╣                |               |          | ++                                |          | <del>   </del>  | ++            | +               | -                  |             |            | +             | +        | Н        | $\vdash$ | $\dashv$     | +        | +        | $\dashv$ |
|            | 42           | 7            | ++                      | +               | $\vdash\vdash$                                   | ++            | ╢╟               |               | 91       | +                                 |          | +   | ++            | $\dashv$        | ŀ                  | -+          | 141<br>142 | +             | +        | Н        | $\dashv$ |              | +        | +        | $\dashv$ |
| _          | 43           | 7            | ++                      | $\dashv$        | $\vdash$   | ++            | ╢╟               | <del></del>   | 93       | ++                                | -        | ++  | ++            | $\dashv$        | ŀ                  |             | 143        | $\dashv$      | +        | $\vdash$ | $\dashv$ | -+           | +        | +        | $\dashv$ |
| -+         | 44           | ᆂ            | † †                     | $\dashv$        | $\vdash$   | ++            | ╢╟               | -+            | 94       | $\dashv$                          | -        | - -   | ++            | +               | ŀ                  | _           | 144        | -+-           | +        | $\vdash$ | $\dashv$ | $\dashv$     | +        | +        | $\dashv$ |
|            | 45           | +            | ++                      | +               | $\vdash$   | ++            | ╢╟               | -+            | 95       | +                                 | +-       | $\vdash$  | ++            | +               | ŀ                  |             | 145        |               | +        | Н        | $\dashv$ | $\dashv$     | $\dashv$ | +        | $\dashv$ |
|            | 46           | $\dashv$     | 1 +                     |                 | $\vdash$   | +             | 1                |               | 96       | ++                                | +-       | $\vdash$  | ++            | $\dashv\dashv$  | -                  | $\dashv$    | 146        | +             | +        | Н        | $\dashv$ | $\dashv$     | +        | +        | $\dashv$ |
|            | 47           | +            | + +                     | $\top$          |  | +             | ╢╟               | -+            | 97       | ++                                | +        | ++  | ++            | $\dashv\dashv$  | H                  | -+          | 147        | +             | +        | Н        | $\dashv$ | -            | +        | +        | $\dashv$ |
| $\neg$     | 48           | +            | 1 +                     | $\dashv$        | $\vdash$   | +             | ┪┈┟              |               | 98       | +                                 | +        | <del>                                     </del>  | ++            | +               | ŀ                  | $\dashv$    | 148        | $\dashv$      | +-       | ٤        | $\dashv$ | $\dashv$     | +        | +        | $\dashv$ |
| _          | 49           | $\dashv$     | 11                      | $\dashv \dashv$ | $\vdash$   | +             | 1                |               | 99       |                                   | +        | $\vdash$  | +-+           | +               | H                  |             | 149        | $\dashv$      | +        | $\vdash$ | -        | $\dashv$     | +        | +        | $\dashv$ |
| $\dashv$   | 50           | $\dashv$     | + +                     | $\dashv \dashv$ | -  | $\vdash$      | ┧┉┟              | -             | 100      | -+-                               | $\dashv$ | <del>                                     </del>  | +-+           | +               | H                  |             | 150        | +             | +-       | $\vdash$ |          | $\dashv$     | +        | +        | $\dashv$ |
|            |              |              |                         |                 |  |               | F                |               | 100      | لللب                              | L        | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |               |                 | ·····L             |             | 100        | L_            |          | L        |          |              |          | $\perp$  |          |